

ABSTRACT

An electrical box includes a sealed terminal pair on the side of an F/S or pull box such that an external bond wire and an internal ground wire can be easily connected. A drip cover is provided, which shields the external connection from acid rain. Materials such as brass, copper, or copper/aluminum alloys that are compatible with copper wires are used in the terminals and their connections. In one embodiment, an integrally molded external drip shield is used. In the second embodiment, the terminals are integrally cast with a joint that accepts the terminal pair as an "insert molded" item seals and attaches the external/internal terminals as part of the PVC injection molding process. In the third embodiment, a kit is provided so that a electrical contractor can attach a properly sealed terminal pair on the side of an F/S or pull box in any desired orientation and then attach by adhesive bonding a provided drip shield.

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